Seismic Restraint Installation Guide

For 1-, 2-, 3-cell cabinets

60-0022 Rev E

Omnicell®

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Omnicell, Inc.
1201 Charleston Road
Mountain View, CA 94043
(650) 251-6100
www.omnicell.com

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Seismic Restraint Installation Guide

Seismic Restraint Kit

This document provides a step by step interpretation of the technical specifications for installing Seismic Restraint brackets on a 1-, 2-, and 3-cell cabinet.

The Omnicell Seismic Restraint kit contains the following parts.

Qty	Description	P/N
1	Kit, Seismic Restraint, Omnicell cabinet 2007	14-1124
1	Left Seismic Restraint Bracket	53-2021
1	Right Seismic Restraint Bracket	53-2022
2	Seismic Restraint Cap Bracket	53-2023
4	½ - 13 x 2¼ Hex Bolt, Grade 8	94-6220
4	½ SAE Flat Washer	94-6178
1	LABEL, CABINET, SEISMIC, CAPACITY	65-2033

Table 1-1.

Anchors/Anchor Bolts

It is the responsibility of the facility to acquire the specific anchor type required for each installation.

Seismic Restraint Brackets

This document is divided into four sections that explain the processes that make up the overall installation of Seismic Restraint Brackets:

- Positioning the Brackets and Drilling the Holes
- Mounting the Brackets
- Fitting the Omnicell cabinet onto the Brackets

Note: The steps are sequential and should be performed in order.

Bracket Positioning

1. Locate the exact space the Omnicell cabinet will occupy permanently – take into account the amount of space needed to house the Omnicell cabinet plus additional space to be able to reach the switch at the rear of the PC Box.
2. Remove the two rear leveling feet from the Omnicell cabinet.

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Caution: This procedure requires the Omnicell cabinet to be tilted and two people are needed to ensure that no injuries occur, and that the Omnicell cabinet is not damaged.

a. Tilt the cabinet toward the front of the unit, one person pushing from the back and the second stabilizing the unit.

b. Slide a riser block (at least four inches high) between the frame and the floor at the back of the unit as shown in Figure 1-1.

Figure 1-1. Prop the cabinet with a block

c. While one person stabilizes the unit in the front, the second person unscrews the leveling the feet as shown in Figure 1-2.

Figure 1-2. Unscrew the leveling feet

3. Remove the block and place the seismic brackets in their approximate locations.

Note: The cabinet will need to be away from the wall an additional ½ inch during this step so that the anchoring pins do not engage the frame.

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4. Mark the position of the brackets on the floor as shown in Figure 1-3.

Figure 1-3. Mark the position of the brackets on the floor

5. Have a contractor drill eight holes in the exact locations marked.

Note: It is the responsibility of the structural engineer of record to authorize any permanent changes (i.e., drill holes) to the floor of the facility. Omnicell employees should never perform any procedures that involve permanently modifying the facility's structure.

Brackets/Anchors Installation

Note: If it is necessary to hammer the anchors, take care not to damage the threads.

1. Expand the anchor by tightening nut to the specified manufacturer's specification.

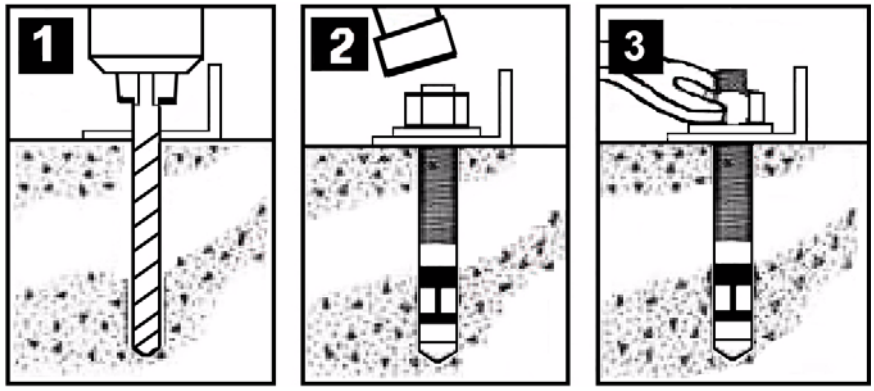

Figure 1-4. Install the anchor/bracket

2. Move the cabinet onto the brackets.
3. Once positioned, ensure each bracket is away from the side of the cabinet by approximately 1/16 inch.

Note: The casters may come in contact with the mounting bolts, making the cabinet difficult to move.

4. Transfer the locations of the dowel pins on the brackets to the cabinet and mount the caps with ½ inch bolts.

5. Using a hammer, mark the location of the pins on the cabinet as shown in Figure 5.

Figure 1-5. Mark the pin locations

6. Remove the cabinet from the brackets.
7. Using a hammer, center-punch the cabinet at the locations of the dowels to make drilling easier, then drill four ½ inch diameter mounting holes (two in the front and two in that rear) in the cabinet as shown in Figure 6 and Figure 7.

Figure 1-6. Center-punch the dowel locations (front)

Figure 1-7. Center-punch the dowel locations (rear)

Cabinet Fitting

1. Move the Omnicell cabinet onto the brackets and seat against the back surface of the brackets.

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Note: Ensure that the mounting pins on the back of both brackets align. If there are problems with alignment loosen the mounting bolts and re-position the brackets.

2. Mount the caps onto the front of the cabinet with the ½ - 13 x 2¼ hex bolt.

Note: A ½ SAE flat washer may be needed to make the cap parallel with the front surface of the cabinet.

3. Attach cap while aligning the mounting pins on the cap, with the mounting holes on the front of the cabinet.

Note: If there are problems with alignment, loosen the anchoring bolts and reposition the brackets.

4. Apply the contents capacity label in a visible location on the front or side of the cabinet.

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